

FIGURE 2 (Figure 2A-2D) provides the predicted amino acid sequence of the transporter of the present invention. In addition structure and functional information such as protein family, function, and modification sites is provided where available, allowing one to readily determine specific uses of inventions based on this molecular sequence.

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FIGURE 3 (Figure 3A –3HHHHH) provides genomic sequences that span the gene encoding the transporter protein of the present invention. In addition structure and functional information, such as intron/exon structure, promoter location, etc., is provided where available, allowing one to readily determine specific uses of inventions based on this molecular sequence. As illustrated in Figure 3, SNPs, including insertion/deletion SNP variants (“indels”), were identified at 294 nucleotide positions.

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